

Using Simulation to introduce a new ABCDE checklist for Recovery Nurses

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Background

Checklists:

- Safety initiative
- Under-used in healthcare
- Lack of training and a safety culture (Sevdalis *et al.*, 2012)

Aims

- To introduce an evidence-based ABCDE checklist specifically designed for Recovery Nurses using Simulation-Based Training (SBT)
- To evaluate the effectiveness of this method

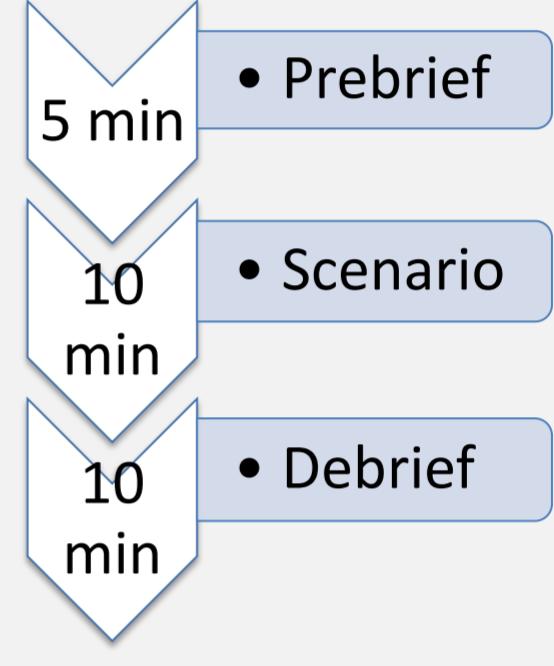
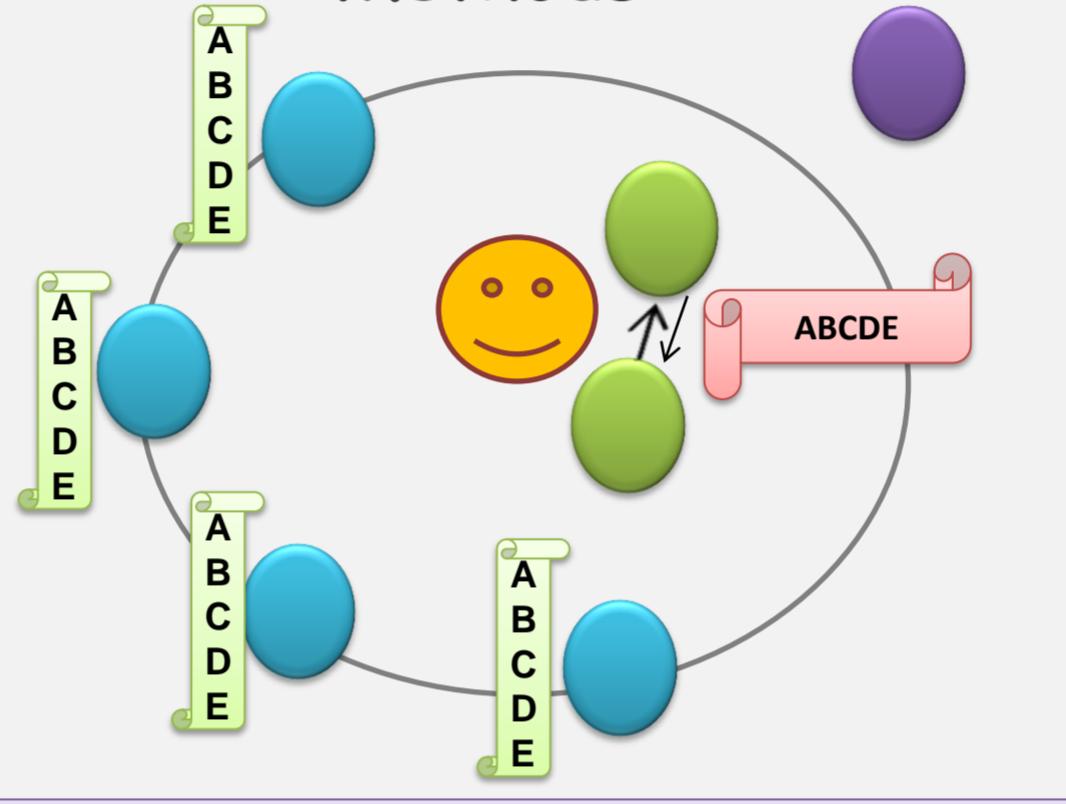
Methods

Fishbowl small groups

(OHCHR, 2011)

The **Fish**: inner group, testing & applying of knowledge

The **Bowl**: outer group, peer-observation & feedback skills



25 recovery nurses

Scenario examples

- Hypoglycaemia
- Inadequate reversal of muscle relaxants
- Opioid overdose



88% would use the checklist for peer-observation and feedback in practice

96% would use the checklist as a guide in practice

96% felt more confident in performing the ABCDE approach

100% found the checklist useful & relevant

Results



"Constructive feedback is always useful for my personal development"

"Chance to improve"

"For patient safety!"

"I would use it to assess my patients and would act as an Aide memoire"

"Helped me plan a systematic approach to my patient assessment"

"Assists me in planning my patient care"

Discussion

- SBT may overcome the obstacles in the use of checklists
- SBT has been shown to have a greater impact than didactic instruction and distribution of printed materials alone (Bluestone *et al.*, 2013)
- Involving the learners in the development process generates a feeling of ownership which may improve implementation in daily practice

Conclusions

In-situ simulation is an effective tool in the context of checklists to:

- Test usability
- Improve acceptance
- Cultivate attitudes which improve compliance

References

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Sevdalis, N., Hull, L. and Birnbach, J. (2012) 'Improving patient safety in the operating theatre and perioperative care: obstacles, interventions, and priorities for accelerating progress', *British Journal of Anaesthesia*, 109 (1), pp. i3-i16, doi:10.1093/bja/ae391.